

Focus Area 15: Injury and Violence Prevention

Objective 15-2 calls for reduction in the hospitalization rate for nonfatal spinal cord injuries to 2.6 per 100,000 population.

Hospital discharge data indicate that rates for admissions with a principal diagnosis of nonfatal spinal cord injury among California residents remained relatively stable from a low of 3.9 hospitalizations per 100,000 population to 4.2 per 100,000 with no significant trend (Figure 15-2, Table 15-2). These rates are significantly higher than the target set in HP2010, and this objective has not yet been achieved for all Californians (all races, both sexes).

Nonfatal spinal cord injury hospitalization rates for males were significantly higher than the rates for females (5.6 per 100,000 males versus 2.2 per 100,000 females in 2005), with no significant trend found for either gender during the 2000-2005 time period. This HP2010 objective is being met for females but not for males as of 2005.

Examined by race and ethnicity, the highest nonfatal spinal cord injury hospitalization rates were found for African Americans/Blacks (5.8 per 100,000 in 2005 with no significant trend). The next highest rates were found for Whites (4.5 per 100,000 in 2005 with no significant trend), followed by Hispanics/Latinos (significant decline from 3.3 per 100,000 in 2000 to 2.9 per 100,000 in 2005). Hospitalization rates for American Indians/Alaska Natives were unreliable due to the small number of events, and are not reported here. This HP2010 objective is being met only for Asians/Pacific Islanders (2.2 per 100,000 in 2005 with no significant trend).

For more information on nonfatal spinal cord injuries, visit the CDHS Chronic Diseases and Injury Control (CDIC) Web site at: <http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) Web site at: <http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-2, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-2
Nonfatal Spinal Cord Injury Hospitalization Rates
California, 2000-2005

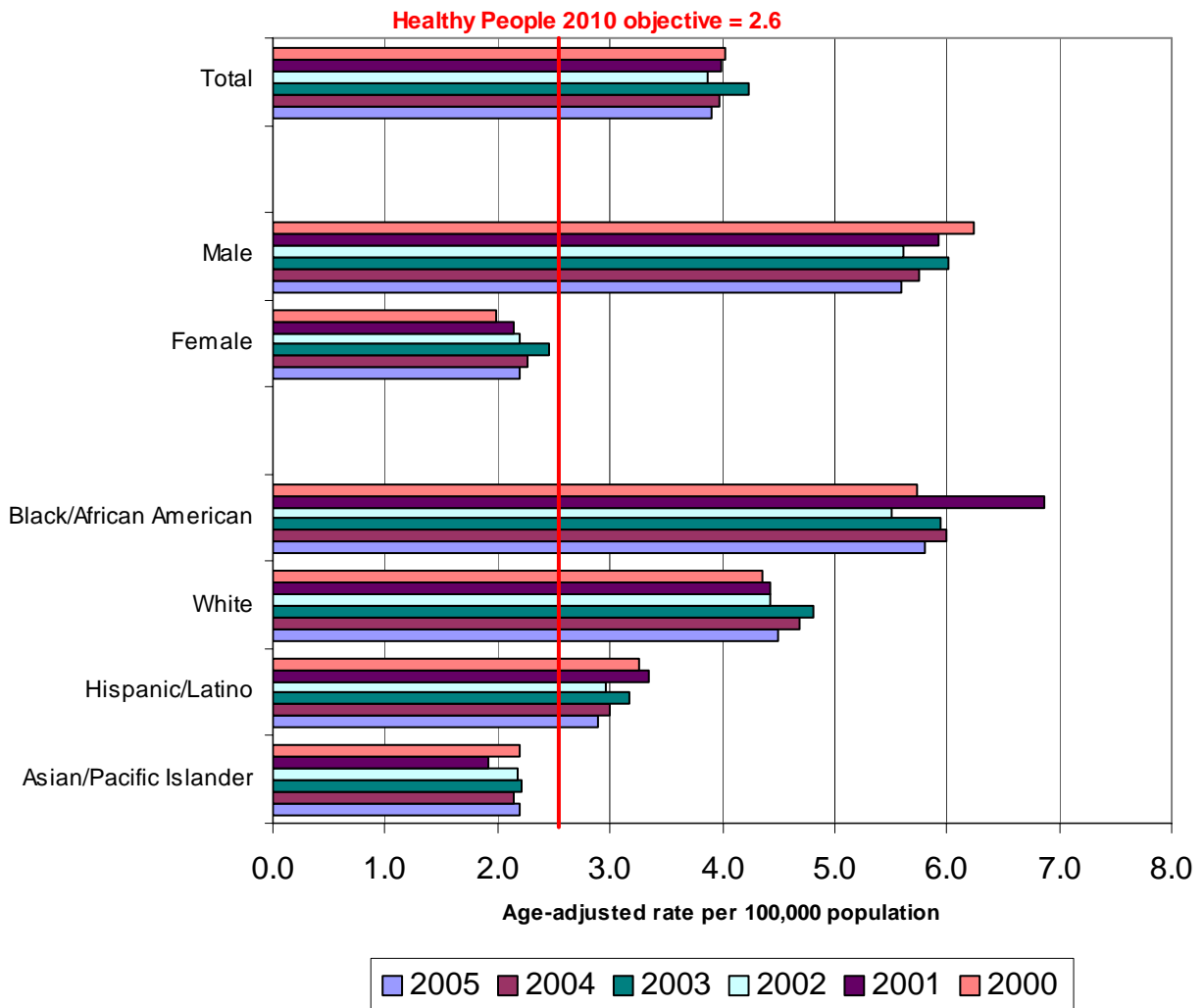


Table 15-2: Nonfatal Spinal Cord Injury Hospitalization Rates, California 2000-2005

Objective 15-2	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		2.6				2.6		
Statewide Total	1,326	4.0	3.8	4.3	1,355	4.0	3.8	4.2
Race-Ethnicity								
American Indian/Alaska Native	1	DSU	-----	-----	3	DSU	-----	-----
Asian/Pacific Islander	76	2.2	1.7	2.7	71	1.9	1.5	2.4
Black/African American	123	5.7	4.7	6.7	143	6.9	5.7	8.0
Hispanic/Latino	313	3.3	2.9	3.6	332	3.4	3.0	3.7
White	742	4.3	4.0	4.7	741	4.4	4.1	4.7
Gender								
Female	335	2.0	1.8	2.2	371	2.1	1.9	2.4
Male	990	6.2	5.8	6.6	984	5.9	5.6	6.3

Objective 15-2	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		2.6				2.6		
Statewide Total	1,341	3.9	3.7	4.1	1,491	4.2	4.0	4.5
Race-Ethnicity								
American Indian/Alaska Native	4	DSU	-----	-----	2	DSU	-----	-----
Asian/Pacific Islander	83	2.2	1.7	2.7	87	2.2	1.8	2.7
Black/African American	123	5.5	4.5	6.5	139	5.9	5.0	6.9
Hispanic/Latino	303	3.0	2.6	3.3	331	3.2	2.8	3.5
White	756	4.4	4.1	4.8	840	4.8	4.5	5.1
Gender								
Female	389	2.2	2.0	2.4	448	2.5	2.2	2.7
Male	952	5.6	5.3	6.0	1,042	6.0	5.6	6.4

Objective 15-2	2004		Lower	Upper	2005		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		2.6				2.6		
Statewide Total	1,426	4.0	3.8	4.2	1,407	3.9	3.7	4.1
Race-Ethnicity								
American Indian/Alaska Native	1	DSU	-----	-----	2	DSU	-----	-----
Asian/Pacific Islander	87	2.1	1.7	2.6	96	2.2	1.8	2.6
Black/African American	141	6.0	5.0	7.0	142	5.8	4.8	6.7
Hispanic/Latino	339	3.0	2.7	3.3	331	2.9	2.6	3.2
White	806	4.7	4.4	5.0	781	4.5	4.2	4.9
Gender								
Female	416	2.3	2.0	2.5	418	2.2	2.0	2.5
Male	1,010	5.8	5.4	6.1	989	5.6	5.2	5.9

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2005;
CA Department of Finance, Demographic Research Unit, *Population Projections by Race/Ethnicity for California and Its Counties 2000-2050*, May 2004.

Notes: * ICD-9-CM codes 806, 952; Principal Diagnosis only.

¹ Rate per 100,000 population, age-adjusted using the 2000 US Standard Population.